

Determination of Chronic Toxicity Reference Exposure Level  
*Do not cite or quote.* SRP Draft – 2<sup>nd</sup> Set Look-up Table

**Table 8.** Proposed OEHHA Chronic Inhalation REL Summary – Second Set of 40 Chemicals

<i>Substance (CAS #)</i>	<i>Listed in CAPCOA (1993)</i>	<i>U.S. EPA RfC</i>	<i>Chronic Inhalation REL (µg/m<sup>3</sup>)</i>	<i>Hazard Index Target(s)</i>	<i>Human Data</i>
Acrolein (107-02-8)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0.02	Respiratory system; eyes	
Acrylonitrile (107-13-1)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2	Respiratory system	
Arsenic (7440-38-2) & arsenic compounds	<input checked="" type="checkbox"/>		0.03	Development; cardiovascular system; nervous system	
Beryllium (7440-41-7)& beryllium compounds	<input checked="" type="checkbox"/>		0.001	Respiratory system	<input checked="" type="checkbox"/>
Butadiene (1,3-) (106-99-0)			8	Reproductive system	
Cadmium (7440-43-9) & cadmium compounds	<input checked="" type="checkbox"/>		0.02	Kidney; respiratory system	<input checked="" type="checkbox"/>
Carbon disulfide (75-15-0)		<input checked="" type="checkbox"/>	700	Nervous system; reproductive system	<input checked="" type="checkbox"/>
Carbon tetrachloride (56-23-5)	<input checked="" type="checkbox"/>		40	Alimentary system; development; nervous system	
Chlorine dioxide (10049-04-4)		<input checked="" type="checkbox"/>	0.2	Respiratory system	
Chlorobenzene (108-90-7)	<input checked="" type="checkbox"/>		1,000	Alimentary system; kidney; reproductive system	
Chloropicrin (76-06-2)	<input checked="" type="checkbox"/>		1	Respiratory system	
Chromium (VI) (18540-29-9)	<input checked="" type="checkbox"/>		0.0008	Respiratory system	<input checked="" type="checkbox"/>
Cresol mixtures 1319-77-3)	<input checked="" type="checkbox"/>		180	Nervous system	
Dichlorobenzene (1,4-) (106-46-7)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	800	Nervous system; respiratory system; alimentary system; kidney	
Dichloroethylene (1,1-) (73-35-4)	<input checked="" type="checkbox"/>		20	Alimentary system	
Diethanolamine (111-42-2)			20	Cardiovascular system; nervous system	
Dimethylformamide (N,N-) (68-12-2)		<input checked="" type="checkbox"/>	30	Alimentary system; respiratory system	<input checked="" type="checkbox"/>
Epichlorohydrin (106-89-8)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1	Respiratory system; eyes	

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Epoxybutane (1,2-) (106-88-7)		<input checked="" type="checkbox"/>	20	Respiratory system; cardiovascular system	
Ethylene (74-85-1)			20,000	Nervous system	
Ethylene dibromide (106-93-4)	<input checked="" type="checkbox"/>		0.8	Reproductive system	<input checked="" type="checkbox"/>
Ethylene dichloride (107-06-2)	<input checked="" type="checkbox"/>		400	Alimentary system; nervous system	
Ethylene glycol butyl ether (11-76-2)	<input checked="" type="checkbox"/>		700	Cardiovascular system	
Ethylene oxide (75-21-8)	<input checked="" type="checkbox"/>		30	Nervous system	<input checked="" type="checkbox"/>
Fluorides & hydrogen fluoride	<input checked="" type="checkbox"/>		30	Bone; respiratory system	<input checked="" type="checkbox"/>
Glutaraldehyde (11-30-8)	<input checked="" type="checkbox"/>		0.1	Respiratory system	
Hydrazine (302-01-2)	<input checked="" type="checkbox"/>		0.2	Alimentary system; endocrine system	
Isophorone (78-59-1)			2,000	Development; kidney; alimentary system	
Maleic anhydride (108-31-6)	<input checked="" type="checkbox"/>		1.0	Respiratory system	
Methyl isocyanate (624-83-9)	<input checked="" type="checkbox"/>		1	Respiratory system; reproductive system	
Methylene dianiline (4,4'-) (101-77-9)	<input checked="" type="checkbox"/>		20	Eyes; alimentary system	
Methylene diphenyl isocyanate (polymeric) (101-68-8)		<input checked="" type="checkbox"/>	0.5	Respiratory system	
Nitric acid (7697-37-2)			40	Respiratory system	
Phosphine (7803-51-2)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0.3	Respiratory system; alimentary system; nervous system	
Phthalic anhydride (85-44-9)	<input checked="" type="checkbox"/>		10	Respiratory system	<input checked="" type="checkbox"/>

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Selenium & selenium compounds	<input checked="" type="checkbox"/>				
Hydrogen selenide			0.08	Respiratory system	
Selenium & all other selenium compounds			20	Alimentary system; cardiovascular system; nervous system	<input checked="" type="checkbox"/>
Sulfuric acid (7664-93-9)			1	Respiratory system	
Toluene diisocyanates (2,4- & 2,6-)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0.07	Respiratory system	<input checked="" type="checkbox"/>
Triethylamine (121-44-8)		<input checked="" type="checkbox"/>	7	Respiratory system; immune system; eyes	
Vinyl acetate (108-05-4)		<input checked="" type="checkbox"/>	200	Respiratory system	